JC20 Rec'd CT/PTO 1 0 JUN 2005



## **INFORMATION DISCLOSURE STATEMENT**

	40 45 7000
Application Number	107538280
Filing Date	•
First Named Inventor	Yusei UKAWA
Group Art Unit	
Examiner Name	
Atty. Docket Number	JP02 0024 US

IRANSMILIA	\L	FIRST Named Inventor	Yusei UKAWA
To Commissioner For Patents		Group Art Unit	
Enclosed herewith is a Form PTO-1449, any documents listed thereon, and any concise ex		Examiner Name	
relevance is indicated below per 37 CFR 1.97		Atty. Docket Number	JP02 0024 US
Please charge any required f issue fee) to Account No. 14-	ee under §1.17(i 1270.	or §1.17(p) or any	other required fee (except the
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2.  I certify that none of these do Office in a counterpart foreign making reasonable inquiry, n §1.56(c) more than three (3)	n application, and one of these doo	d, to the knowledge	cation from a foreign Patent of the undersigned after to any individual designated in
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parent application (or in U	S. patent applica	ation Ser. No	ously submitted or cited in the effective filing date under 35
	e 30, 2003, and	in all international ar	(s) in all U.S. national patent oplications that have entered der 37 CFR 1.491(b), are not
			cument, as understood by the e contents, is enclosed per
The concise explanation of the releva designated in §1.56(c) most knowled			
cited in the specification of	r considered in d	rafting the specificat	ion of this application;
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SIGNATURE OF	APPLICANT, AT	TORNEY, OR AGENT	REQUIRED
Name Kevin Simons, Reg. No. 4	45,110		
Signature 1 ( Signature		Date:	16/9/05
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# INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

#### To Commissioner For Patents

Enclosed herewith is a Form PTO-1449, any required copies of documents listed thereon, and any concise explanation of their relevance is indicated below per 37 CFR 1.97.

	4 - 1 - 70 200
Application Number	10/228580
Filing Date	
First Named Inventor	Yusei UKAWA
Group Art Unit	
Examiner Name	
Atty. Docket Number	JP02 0024 US

-	U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number NoKind Code <sup>2</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns Lines, Where Relevant Passages or Relevant Figures Appear			
		us- 2002/113927	08-22-2002	HA KYOUNG-SU ET AL				
		us- 2002/003596	01-10-2002	KIM YONG-BEOM				
		us- 2003/160914	08-28-2003	HA KYOUNG-SU				
		us- 2003/117551	06-26-2003	NARUTAKI YOZO ET AL				
		US-						
		US-						

			FOREIGN P	ATENT DOCUMENTS		
Examiner Initials*	Cite No.1	Document Number (ctry³-no.⁴-kind⁵, if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of cited document	Pages, Columns Lines, Where Relevant Passages or Relevant Figures Appear	т •
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<sup>\*</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.



#### **INTERNATIONAL SEARCH REPORT**

Intel onal Application No PCT/IB 03/05948

			LC1/10 03/03940
A CLASS IPC 7	IFICATION OF SUBJECT MATTER G02F1/1335		
According (	to International Patent Classification (IPC) or to both national classif	ication and IPC	
	SEARCHED		
Minimum d IPC 7	ocumentation searched (classification system followed by classification $G02F$	ation symbols)	
Documents	tion searched other than minimum documentation to the extent that	such documents are Incl	uded in the fields searched
Electronic o	lata base consulted during the International search (name of data b	ase and, where practical	, search terms used)
EPO-In	ternal, WPI Data, PAJ, INSPEC, COMP	ENDEX	
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the re-	elevant passages	Relevant to claim No.
X	US 2002/113927 A1 (HA KYOUNG-SU 22 August 2002 (2002-08-22) figures 3-7	ET AL)	1-7,9,13
X	US 2002/003596 A1 (KIM YONG-BEOM 10 January 2002 (2002-01-10) paragraph '0081!; figure 10		1-7,9, 10,12-14
P,X	US 2003/160914 A1 (HA KYOUNG-SU) 28 August 2003 (2003-08-28) figure 7	·	1-9,13
P,X	US 2003/117551 A1 (NARUTAKI YOZO 26 June 2003 (2003-06-26) figure 1	ET AL)	1-7,9, 10,12-14
		_/	
		- <i>/</i>	
X Furth	ar documents are listed in the continuation of box C.	χ Patent family n	nembers are listed in annex.
* Special cat	egories of cited documents :	"T" later document nubil	shed after the international filing date
conside	nt defining the general state of the art which le not ared to be of particular relevance	or priority date and	not in conflict with the application but the principle or theory underlying the
filing da		"X" document of particul	ar relevance; the claimed invention
"L" documer which is citation	nt which may throw doubts on priority claim(s) or s cited to establish the publication date of another or other special reason (as specified)	involve an inventive "Y" document of particul	ed novel or cannot be considered to step when the document is taken alone ar relevance; the claimed invention
	nt referring to an oral disclosure, use, exhibition or	document is combined	ed to involve an inventive step when the
"P" documer	is an in the prior to the international filing date but an the priority date claimed	in the art.  "&" document member of	nation being obvious to a person skilled
Date of the a	ctual completion of the international search		e international search report
18	March 2004	29/03/20	004
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	European Palent Office, P.B. 5818 Patentilaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni,	G ( 11 D	
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### **INTERNATIONAL SEARCH REPORT**

Intel jonal Application No PCT/IB 03/05948

C.(Continuat	tion) DOCUMENTS CONSIDERED TO BE RELEVANT	101/10 05/05948	
	Citation of document, with indication, where appropriate, of the relevant passages	Relavant to claim No.	
A	KUBO M ET AL: "Development of Advanced TFT-LCD with good legibility under any ambient light intensity" JOURNAL OF THE SOCIETY FOR INFORMATION DISPLAY, SOCIETY FOR INFORMATION DISPLAY, SAN JOSE, US, vol. 8, no. 4, 2000, pages 299-304, XP002240612 ISSN: 1071-0922 figure 2	1-15	
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intellional Application No PCT/IB 03/05948

Patent document cited in search report		Publication date	Patent family member(s)		Patent family member(s)	
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US 2002003596	Al	10-01-2002	NONE			
US 2003160914	A1	28-08-2003	JP	2003255336	A	10-09-2003
US 2003117551	A1	26-06-2003	CN CN US	1410815 1409158 2003063244	Ä	16-04-2003 09-04-2003 03-04-2003